



1/9

Fig. 1

E V Q L L E Q P G A
GAGGTGCAGCTGCTCGAGCAGCCTGGGGGCT 30
E L A K P G A S V K
GAACTGGCAAAACCTGGGGGCCTCAGTGAAG 60
M S C K A S G Y T F
ATGTCCTGCAAGGCTTCTGGCTACACCTTT 90
T N Y W I H W V K Q
ACTAACTACTGGATTCACTGGGTGAAACAG 120
R P G Q G L K W I G
AGGCCTGGACAGGGTCTGAAATGGATTGGA 150
Y I N P A T G S T S
TACATTAATCCTGCCACTGGTTCCACTTCT 180
Y N Q D F Q D R A T
TACAATCAGGACTTTCAGGACAGGGGCCACT 210
L T A D K S S T T A
TTGACCGCAGACAAGTCCTCCACCACAGCC 240
Y M Q L T S L T S E
TACATGCAGCTGACCAGCCTGACATCTGAG 270
D S S V Y Y C A R E
GACTCTTCAGTCTATTACTGTGCAAGAGAG 300
G Y D G F D S W G Q
GGGTACGACGGGTTTGACTCCTGGGGGCCAA 330
G T T L T V S S
GGCACCCTCTCACAGTCTCCTCA 360

Fig. 2

E L V L T Q S P A I
GAGCTCGTGCTCACCCAGTCTCCAGCAATC 30
M S A S P G E K V T
ATGTCTGCATCTCCAGGGGAGAAGGTCACC 60
M T C S A S S S V N
ATGACCTGCAGTGCCAGCTCAAGTGTAAT 90
Y M Y W Y Q Q K S G
TACATGTACTGGTACCAGCAGAAGTCAGGC 120
T S P K R W I Y D T
ACCTCCCCCAAAGATGGATTTATGACACA 150
S K L A S G V P A R
TCCAAATTGGCTTCTGGAGTCCCTGCTCGC 180
F S G S G S G T S Y
TTCAGTGGCAGTGGGTCTGGGACCTCTTAC 210
S L T L S S M E A E
TCTCTCACACTCAGCAGCATGGAGGCTGAA 240
D A A T Y Y C Q Q W
GATGCCGCCACTTATTACTGCCAGCAGTGG 270
S S N P Y T F G G G
AGTAGTAATCCGTACACGTTTCGGAGGGGGG 300
T K L E I K
ACCAAGCTGGAGATAAAA 330

Fig. 3

+1 E V Q L Q Q S G A E
GAGGTTTCAGCTGCAGCAGTCTGGGGGCAGAG 30

+1 L V K P G A S V K L
CTTGTGAAGCCTGGGGCCTCAGTCAAGTTG 60

+1 S C T S S G F N I K
TCCTGCACATCTTCTGGCTTCAACATTAAA 90

+1 D T Y V H W M K Q R
GACACCTATGTGCACTGGATGAAACAGAGG 120

+1 P E Q G L E W I G K
CCTGAACAGGGCCTGGAGTGGATTGGAAAG 150

+1 I D P A N G K T K Y
ATTGATCCTGCGAATGGTAAAACTAAATAT 180

+1 D P I F Q A K A T M
GACCCGATATTCCAGGCCAAGGCCACTATG 210

+1 T A D A S S N T A Y
ACAGCAGACGCATCCTCCAATACAGCCTAC 240

+1 L Q L S S L T S E D
CTGCAACTCAGCAGCCTGACTTCTGAGGAC 270

+1 T A V Y Y C A L P I
ACTGCCGTCTATTACTGTGCTCTCCCCATT 300

+1 Y Y A S S W F A Y W
TATTACGCTAGTTCCTGGTTTGCTTACTGG 330

+1 G Q G T L V T V S A
GGCCAAGGGACTCTGGTCACTGTCTCTGCA 360

Fig. 4

+1 D I V M T Q S H K F
GACATTGTGATGACCCAGTCTCACAAATTC 30

+1 M S T S V G D R V S
ATGTCCACATCAGTAGGAGACAGGGTCAGC 60

+1 I T C K A S Q D V G
ATCACCTGCAAGGCCAGTCAGGATGTGGGT 90

+1 T S V A W Y Q Q K P
ACTTCTGTTGCCTTGGTATCAACAGAAACCT 120

+1 G H S P K L L I Y W
GGGCACTCTCCTAAATTACTGATTTACTTGG 150

+1 T S T R H T G V P D
ACATCCACCCGGCACACTTGGAGTCCCTGAT 180

+1 R F T G S G S G T D
CGCTTCACAGGCAGTGGATCTGGGACAGAT 210

+1 F I L T I S N V Q S
TTCATTCTCACCATTAGCAATGTGCAGTCT 240

+1 E D L A D Y F C Q Q
GAAGACTTGGCAGATTATTTCTGTCAGCAA 270

+1 Y S S S P T F G G G
TATAGCAGCTCTCCCACGTTCGGAGGGGGG 300

+1 A K V E I K
GCCAAGGTGGAAATAAAA 330

5/9

+1 D I L L T Q S P A I L S V S P G E
GACATCTTGC TGA CTCAGTC TCCAGCCATC CTGTCTGTGA GTCCAGGAGA 50
+1 R V S F S C R A S Q S I G T R I H
AAGAGTCAGT TTCTCCTGCA GGGCCAGTCA GAGCATTTGGC ACAAGAATAC 100
+1 W Y Q Q R T N G S P R L L I K Y
ACTGGTATCA ACAAAGAACA AATGGTTCTC CAAGGCTTCT CATAAAGTAT 150
+1 G S E S I S G I P S R F S G S G S
GGTTCTGAGT CTATCTCTGG GATCCCTTCC AGGTTAGTG GCAGTGGATC 200
+1 G T D F S L S I N S V E S E D I A
AGGGACAGAT TTAGTCTTA GCATCAACAG TGTCGAGTCT GAAGATATTG 250
+1 D Y Y C Q Q S N T W P L T F G A
CAGATTATTA CTGTCAACAA AGTAATACCT GGCCGCTCAC GTTCGGTGCT 300
+1 G T K L E L K
GGGACCAAGC TGGAGCTGAA A 350

Fig. 5

6/9

+1 E V Q L L E Q S G A E L V K P G A
GAGTGCAGC TGCTCGAGCA GTCTGGAGCT GAGCTGGTGA AGCCTGGGGC 50
+1 S V K I S C K A S G Y A F S T S W
CTCAGTGAAG ATTTCTTGCA AGGCTTCT GG CTACGCATTC AGTACCTCCT 100
+1 M N W V K Q R P G K G L E W I G
GGATGAAC TG GGTGAACAG AGGCCTGGAA AGGTCTTGA GTGGATTGGA 150
+1 R I Y P G D G D T N Y N G K F K G
CGGATTTATC CTGGAGATGG AGATACTAAC TACAATGGGA AGTTCAAGGG 200
+1 K A T L T A D K S S S T A Y M Q L
CAAGGCCACA CTGACTGCAG ACAAAATCCTC CAGCACAGCC TACATGCAAC 250
+1 N S L T S E D S A V Y F C V R E
TCAACAGCCT GACATCTGAG GACTCTGCGG TCTACTTCTG TGTAAGAG GAG 300
+1 D A Y Y S N P Y S L D Y W G Q G T
GATGCCCTATT ATAGTAACCC CTATAGTTG GACTAC TGGG GTCAAGGAAC 350
+1 S V T V S S
CTCAGTCACC GTCTCCTCA 400

Fi. 6

7/9

+1 E L Q M T Q S P S S L S A S L G D
GAGCTCCAGA TGACCCAGTC TCCATCCAGT CTGTCTGCAT CCCTTGGAGA 50
+1 T I T I T C H A S Q N I N V W L S
CACAATTACC ATCACTTGCC ATGCCAGTCA GAACATTAAT GTTTGGTTAA 100
+1 W Y Q Q K P G D I P K L L I Y K
GCTGGTATCA GCAGAAACCA GGAGATATCC CTAAACTATT GATCTATAAG 150
+1 A S N L H T G V P S R F S G S G S
GCTTCCAACT TGCACACAGG CGTCCCATCA AGGTTTAGTG GCAGTGGATC 200
+1 G T G F T L V I S S L Q P E D I A
TGGAACAGGT TTCACATTAG TCATCAGCAG CCTGCAGCCT GAAGACATTG 250
+1 T Y Y C Q Q G R S Y P L T F G A
C~~CACT~~TA~~CTA~~ CTGTCAACAG GTCGAAGTT ATCCTCTCAC GTTCGGTGCT 300
+1 G T K L E L K
GGGACCAAGC TGGAGCTGAA A 350

Fig. 7

8/9

+1 E V Q L L E E S G G G L V K P G G
GAGGTGCAGC TGCTCGAGGA GTCTGGGGGA GGCTTAGTGA AGCCTGGAGG 50
+1 S L Q L S C S A S G F T F S S H F
GTCCCTGCAA CTCTCCTGTT CAGCCTCTGG ATTCACCTTC AGTAGCCATT 100
+1 M S W V R Q T P E K R L E W V A
TCATGTCTTG GGTTCGCCAA ACTCCAGAGA AGAGGCTGGA GTGGGTCGCA 150
+1 S I S S G G D S F Y P D S L K G R
TCCATTAGTA GTGGTGGTGA CAGTTTCTAT CCAGACAGTC TGAAGGGCCG 200
+1 F A I S R D N A R N I L F L Q M S
ATTCGCCATC TCCAGAGATA ATGCCAGGAA CATCCTGTTC CTGCAAATGA 250
+1 S L R S E D S A M Y F C T R D Y
GCAGTCTGAG GTCTGAGGAC TCGGCCATGT ATTCTGTAC AAGAGACTAC 300
+1 S W Y A L D Y W G Q G T S V T V S
TCTTGGTATG CTTTGGAATA CTGGGGTCAA GGAACCTCAG TCACCGTCTC 350
+1 S
CTCA 400

9/9

Fig. 9

